

**GETTING FAMILIARIZED WITH YOUR 2.4GHz RADIO SYSTEM**

Your car is equipped with the new 2.4GHz radio system. Please read and understand all instructions below before operating.



- 1) Power ON/OFF
- 2) Throttle Trim
- 3) Light
- 4) Steering Trim
- 5) Steering Wheel
- 6) Steering Reverse Switch
- 7) Trigger

**Steering Wheel:** It proportionally operates the right and left steering control of the model.

**Battery Case:** It requires 4pcs of AA size batteries.

**Power Switch:** It is applied to turns the radio controller ON/OFF.

**Steering Trim:** It is applied to adjust the center trim of the steering channel.

**Steering Reverse:** It allows you to electronically switch the direction of steering servo travel.

**Power ON/OFF:** It is applied to switch on or switch off radio power.



**Battery Precautions:**

- 1) Do not mix new and old batteries.
- 2) Use batteries of same brand.
- 3) Always remove batteries when not in use.
- 4) Do not insert batteries with incorrect polarity in.

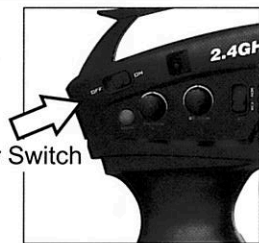
The battery cover is located on the bottom of the radio controller. Slide the battery cover as shown in the photos, install four AA size batteries into the battery compartment, and replace the battery cover.

**RUNNING YOUR CAR**

Install the batteries to your car firstly. (see the chapter: CHARGING THE BATTERIES FOR CAR)

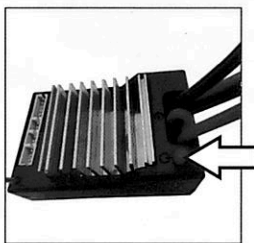
**NOTE: ALWAYS REMOVE THE BATTERIES FROM THE CAR WHEN NOT IN USE.**

**1 TURN ON THE RADIO CONTROLLER**



Power Switch

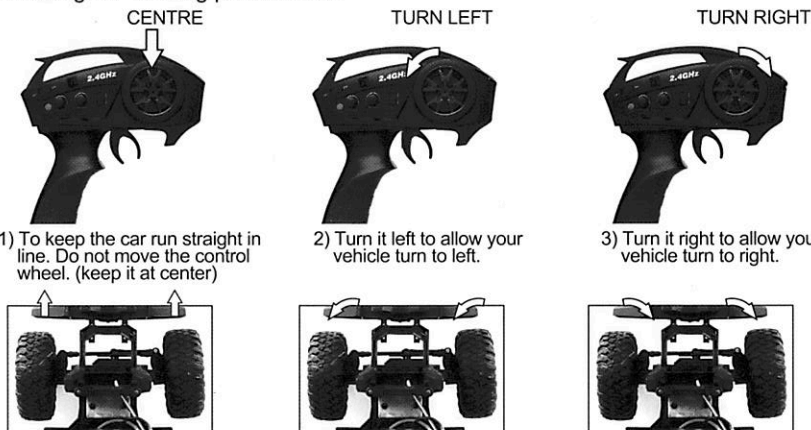
**2 TURN ON THE RECEIVER ON YOUR CAR**



**NOTE:** To run your car, switch on the radio controller, and then the receiver. To stop your car, switch off the receiver first, and then the radio controller. (Your car is automatically bound with the radio controller when both are switched on)

**3 CHECK STEERING PERFORMANCE**

•Ensure good steering performance.

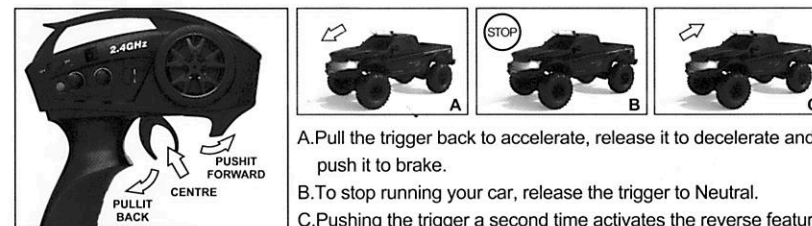


1) To keep the car run straight in line. Do not move the control wheel. (keep it at center)

2) Turn it left to allow your vehicle turn to left.

3) Turn it right to allow your vehicle turn to right.

**4 CHECK TRIGGER RESPONSE**

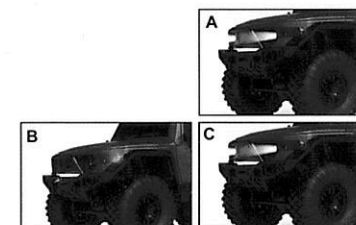


- A. Pull the trigger back to accelerate, release it to decelerate and push it to brake.
- B. To stop running your car, release the trigger to Neutral.
- C. Pushing the trigger a second time activates the reverse feature

**5 LIGHT CONTROL**



LIGHT

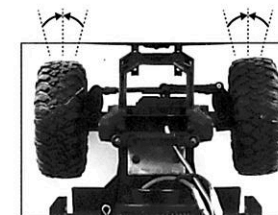


Press and hold the light control button on the remote control once, the light is on, press again, the steering light is on, press again, the light flashes

**6 TO TUNE THE STEERING TRIM**



ST.TRIM

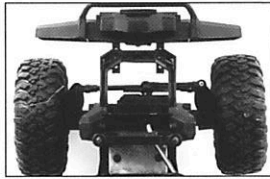


Gently pull the trigger to allow your car to run slowly. Meantime, tune the steering trim to allow the front wheels to be aligned.

**7 TO TUNE THE THROTTLE TRIM**



TH.TRIM



Throttle trim is used to set your idle speed.

**8 TO REVERSE THE STEERING MODE**

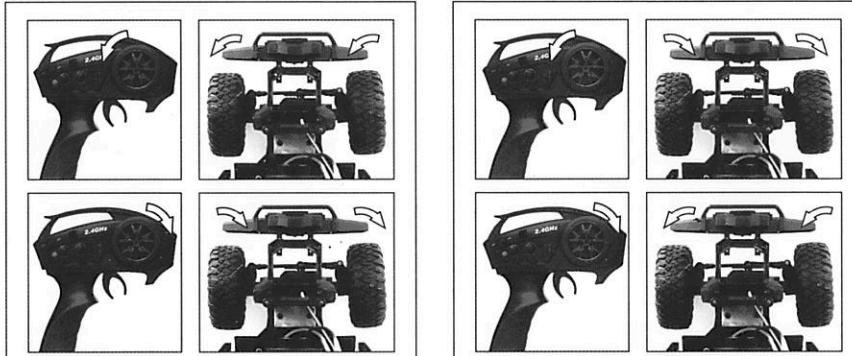
**Steering Reverse:** It allows you to electronically switch the direction of steering servo travel.



REV ⇌ NOR

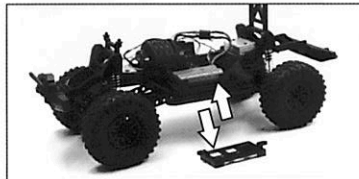
REV

NOR



**CHARGING BATTERIES FOR CAR**

Remove the batteries from the car. Use only the provide charger and USB to charge the batteries of your cars.



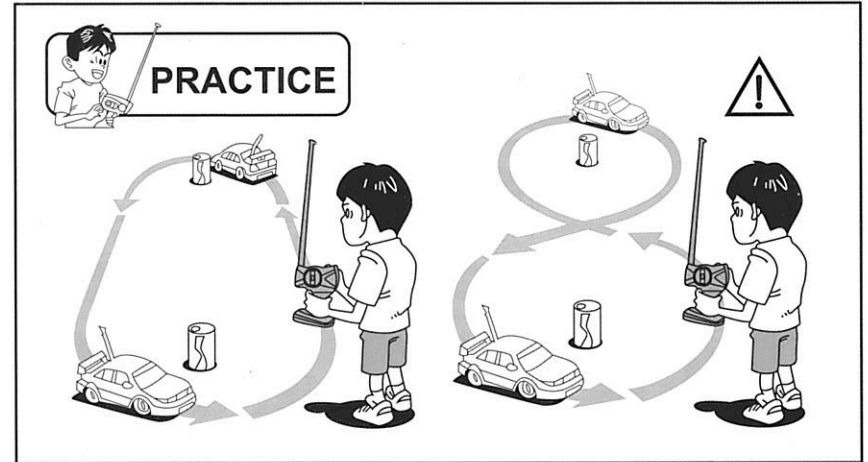
Connection mode between USB. ( Note: please correspond to the the following figure according to the charging method of the product configuration. )



When USB is charging, the red light is always on, and the green light flashes slowly. Red light and green light will be always on together after being fully charged.

**NOTE:** Charging time for LI-ion Battery 7.4 V, 1500mAh is around 4 hours.  
**NOTE:** We strongly recommend that you should remove the batteries from your car if the car is not in use.

**RUNNING PRACTICE**



Once you become conformable driving the vehicle, perform driving practice on the tracks as shown in the figure.

Keep practising until you feel comfortable with the steering, throttle and brake at low speeds. Once you are feeling comfortable try operating on another track.

When you have mastered the basics you will be able to drive at higher speeds in a more controlled fashion.

**MAINTAINING YOUR CAR**

After running your car, the following procedures should be performed regularly and will help to maintain your car's performance.

- Inspect your car for any obvious damage.
- Check the gears for wear, debris or broken/slipping teeth.
- Check the wheels and tighten the wheel screws properly.
- Check for loosen screws in the chassis.
- Check the wiring for frayed or damaged wires or connectors.
- Check the steering servo which will wear out over time and require replacement.
- Check all batteries.
- Keep the chassis clean and free of sand, dust and moisture.
- Remove and clean the motor if necessary. (never attempt to re-assemble the motor, you will damage it and void the warranty).
- Clean the car body with a soft lint-free cloth.
- Remove all batteries when not in use.

## TROUBLESHOOTING

A. The vehicle does not work at all.

1. Check to see if transmitter and car are on.
2. Replace batteries.
3. Check if there are damaged parts.

B. The vehicle runs slow.

1. Replace or charge the battery pack and/or the radio batteries.
2. Make sure the vehicle is geared properly and the pinion and spur gear are over tightened.
3. Clean all bushings or ball bearings.
4. Check for stripped or dirty gears.

C. The throttle works, but not the steering.

1. Check if the servo feels jammed, try centering it by hand.
2. Check the whole steering system.

D. It steers, but throttle is uncontrollable.

1. Check if there are damaged parts.
2. Replace or charge the battery pack and/or the radio batteries.

E. The vehicle runs nosily.

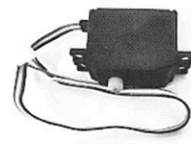




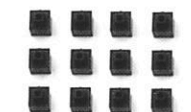
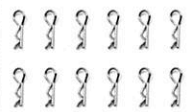













1. Check gear mesh between spur gear and pinion.
2. Check for stripped and/or dirty gears.
3. Clean and oil bushings or ball bearing.

HB-ZP1001-10


## GENERAL ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES

ZPT10001	ZPT10002	ZPT10003	ZPT10004
 Chassis	 Front wheel gear cover	 Rear wheel gear cover	 Steering systems components
ZPT10005	ZPT10006	ZPT10007	ZPT10008
 Rear wheel axle sleeve	 Motor gear cover	 Transmission Gear	 Chassis linkage
ZPT10009	ZPT10010	ZPT10011	ZPT10012
 PCB protection cover + battery compartment	 Pedals	 Shock absorber suspension (4pcs)	 Electrical machinery protection cover
ZPT10013	ZPT10014	ZPT10015	ZPT10016
 RC 540 Motor	 Motor cooling fin	 Servo steering rod	 Transmission shaft (6*127mm)
ZPT10017	ZPT10018	ZPT10019	ZPT10020
 Transmission shaft (6*111mm)	 Transmission shaft(6*107mm)+plug(2.5*9mm)	 Hollow ball head4.7*6.4mm (8pcs)	 PCB receiver

**HB-ZP1001-10**  
**GENERAL ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES**

<p><b>ZPT10021</b></p>  <p>5 wire Servo(25g)</p>	<p><b>ZPT10022</b></p>  <p>Front and rear led lighting</p>	<p><b>ZPT10023</b></p>  <p>Servo accessories</p>	<p><b>ZPT10024</b></p>  <p>Shock absorber clasp of The servo</p>
<p><b>ZPT10025</b></p>  <p>Round lock for car shell (12pcs)</p>	<p><b>ZPT10026</b></p>  <p>Square lock for car shell (12pcs)</p>	<p><b>ZPT10027</b></p>  <p>Shell clasp(12pcs)</p>	<p><b>ZPT10028</b></p>  <p>Ball head(2pcs)</p>
<p><b>ZPT10029</b></p>  <p>Ball bearing 8*5*2.5(2pcs)</p>	<p><b>ZPT10030</b></p>  <p>Ball bearing 12*8*3.5mm (4pcs)</p>	<p><b>ZPT10031</b></p>  <p>Ball bearing 15*10*4mm (6pcs)</p>	<p><b>ZPT10032</b></p>  <p>Ball bearing 18*12*4mm (4pcs)</p>
<p><b>ZPT10033</b></p>  <p>Countersunk head self-tapping screw 2.6*10mm (12pcs)</p>	<p><b>ZPT10034</b></p>  <p>Countersunk head self-tapping screw 2.6*7 mm (12pcs)</p>	<p><b>ZPT10035</b></p>  <p>Self-tapping screw with dielectric 2.3*10*6mm (12pcs)</p>	<p><b>ZPT10036</b></p>  <p>Self-tapping screw with dielectric 2.6*7*8mm (12pcs)</p>
<p><b>ZPT10037</b></p>  <p>Countersunk head self-tapping screw 2.3*7mm (12pcs)</p>	<p><b>ZPT10038</b></p>  <p>Self-tapping screw with dielectric 2.6*7*6mm (12pcs)</p>	<p><b>ZPT10039</b></p>  <p>Step screw 3.6*17mm (12pcs)</p>	<p><b>ZPT10040</b></p>  <p>Pan head screw 2.5*16mm (12pcs)</p>

**HB-ZP1001-10**  
**GENERAL ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES**

<p><b>ZPT10041</b></p>  <p>Step screw 3.6*12mm (12pcs)</p>	<p><b>ZPT10042</b></p>  <p>Rivet &amp; Screw 3*17mm (12pcs)</p>	<p><b>ZPT10043</b></p>  <p>pan head screw 3*6mm (12pcs)</p>	<p><b>ZPT10044</b></p>  <p>7.4V, 1500mAH Battery (Li-ion)</p>
<p><b>ZPT10045</b></p>  <p>1.5V"AA" Battery (4pcs)</p>	<p><b>ZPT10046</b></p>  <p>Only used for 7.4V 1500 mAH battery - USB charging line</p>	<p><b>ZPT10047</b></p>  <p>inclined teeth11.9*10mm</p>	<p><b>ZPT10048</b></p>  <p>Tires(2pcs)</p>
<p><b>ZPT10049</b></p>  <p>ZP1001-04 Remote Control</p>	<p><b>ZPT10050</b></p>  <p>ZP1005-10 Remote Control</p>		
<p><b>ZPT10051</b></p>  <p>Balance weight hardware for front wheel46*25*3mm (6pcs)</p>	<p><b>ZPT10052</b></p>  <p>Balance weight hardware For rear wheel 50*30*3mm (9pcs)</p>	<p><b>ZPT10053</b></p>  <p>Rims:Inner diameter 47mm outer diameter 54mm thickness 3.5mm width 14mm</p>	<p><b>ZPT10054</b></p>  <p>Wave box differential</p>

The gray mark is not configured at the factory, and the customer can choose it by himself (belongs to the upgrade part)

HB-ZP1001/02/05/06

EXCLUSIVE ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES

ZPA10001



HB-ZP1001 Car shell

ZPA10002



HB-ZP1002 Car shell

ZPA10003



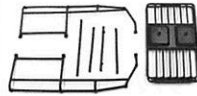
HB-ZP1005 Car shell

ZPA10004



HB-ZP1006 Car shell

ZPA10005



Car Frame

ZPA10006



Front wheel fender

ZPA10007



Rear wheel fender

ZPA10008



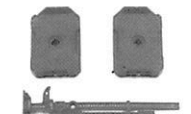
Front and rear light Components

ZPA10009



Spare wheel frame+ rear Mirror+car shell components

ZPA10010



Red Fuel tank

ZPA10011



Gray Fuel tank

ZPA10012



Front and rear guard

ZPA10013



Car shell support frame

ZPA10014



HB-ZP1001 wheel hub assembly components (earth yellow)

ZPA10015



HB-ZP1001 earth yellow finished tyre(2pcs)

ZPA10016



HB-ZP1002/03 Wheel kit components(silver)

ZPA10017



HB-ZP1002/03 Silver finished tyre(2pcs)

ZPA10018



HB-ZP1005-10 wheel hub assembly components (earth black)

ZPA10019



HB-ZP1005-ZP1006 black finished tyre(2pcs)

ZPA10020



Rearview mirror sticker

HB-ZP1001/02/05/06

EXCLUSIVE ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES

ZPA10021



The front end is covered with LED lights

HB-ZP1003/04/09/10

EXCLUSIVE ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES

ZPB10001



HB-ZP1003 Car shell

ZPB10002



HB-ZP1004 Car shell

ZPB10003



HB-ZP1009 Car shell

ZPB10004



HB-ZP1010 Car shell

ZPB10005



Front fender

ZPB10006



Rear fender

ZPB10007



Front and rear guard

ZPB10008



Front and rear light Components

ZPB10009



Front and rear light Components Headlights Silver

ZPB10010



Car shell support frame+ rear Mirror+ car shell components

ZPB10011





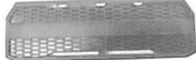

Car shell support frame+ rear Mirror+ car shell components

ZPB10012








HB-ZP1003 Roof rack (green)

**HB-ZP1003/04/09/10**  
**EXCLUSIVE ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES**





<b>ZPB10013</b>  HB-ZP1003 Car head components(black)	<b>ZPB10014</b>  HB-ZP1004 Roof rack (orange)	<b>ZPB10015</b>  HB-ZP1004 car head components(orange)	<b>ZPB10016</b>  HB-ZP1002/03 Wheel kit components(silver)
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<b>ZPB10017</b>  HB-ZP1002/03 Wheel kit components(silver)	<b>ZPB10018</b>  HB-ZP1004 wheel hub assembly componets (orange)	<b>ZPB10019</b>  HB-ZP1004 orange finished tyre(2pcs)	<b>ZPB10020</b>  HB-ZP1009-10 wheel hub assembly components(earth black)
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<b>ZPB10021</b>  HB-ZP1009-10 earth black finished tyre(2pcs)	<b>ZPB10022</b>  Rearview mirror sticker	<b>ZPB10023</b>  The roof light-emitting diodes (leds)	<b>ZPB10024</b>  The roof rack
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<b>ZPB10025</b>  Benzene lights on the roof
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**HB-ZP1007-08**  
**EXCLUSIVE ACCESSORIES--THE LIST OF THE REPLACING ACCESSORIES**

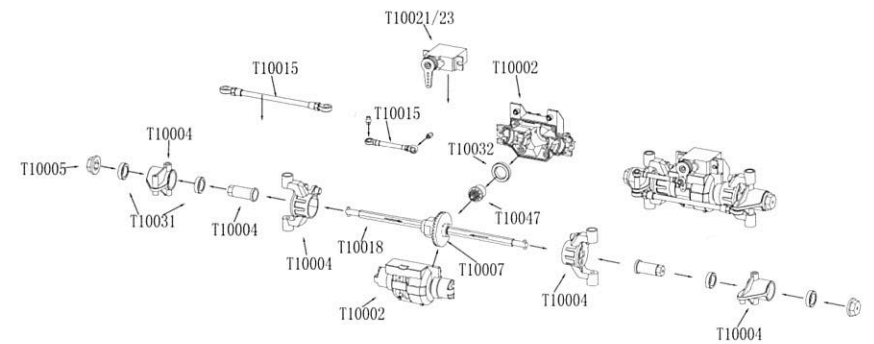
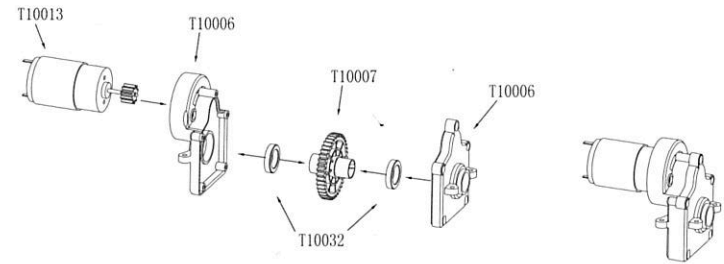
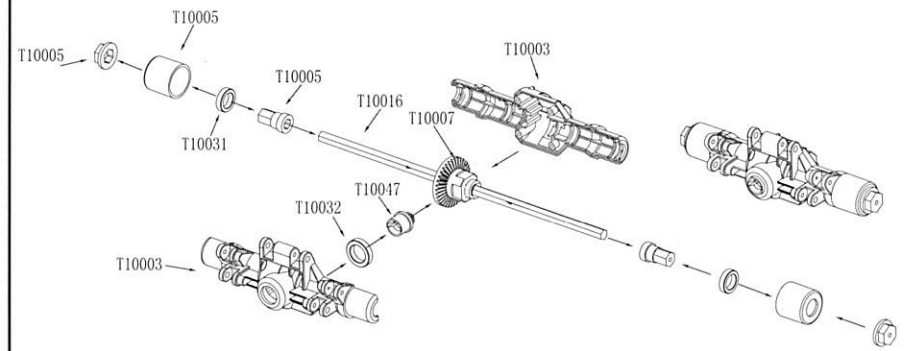
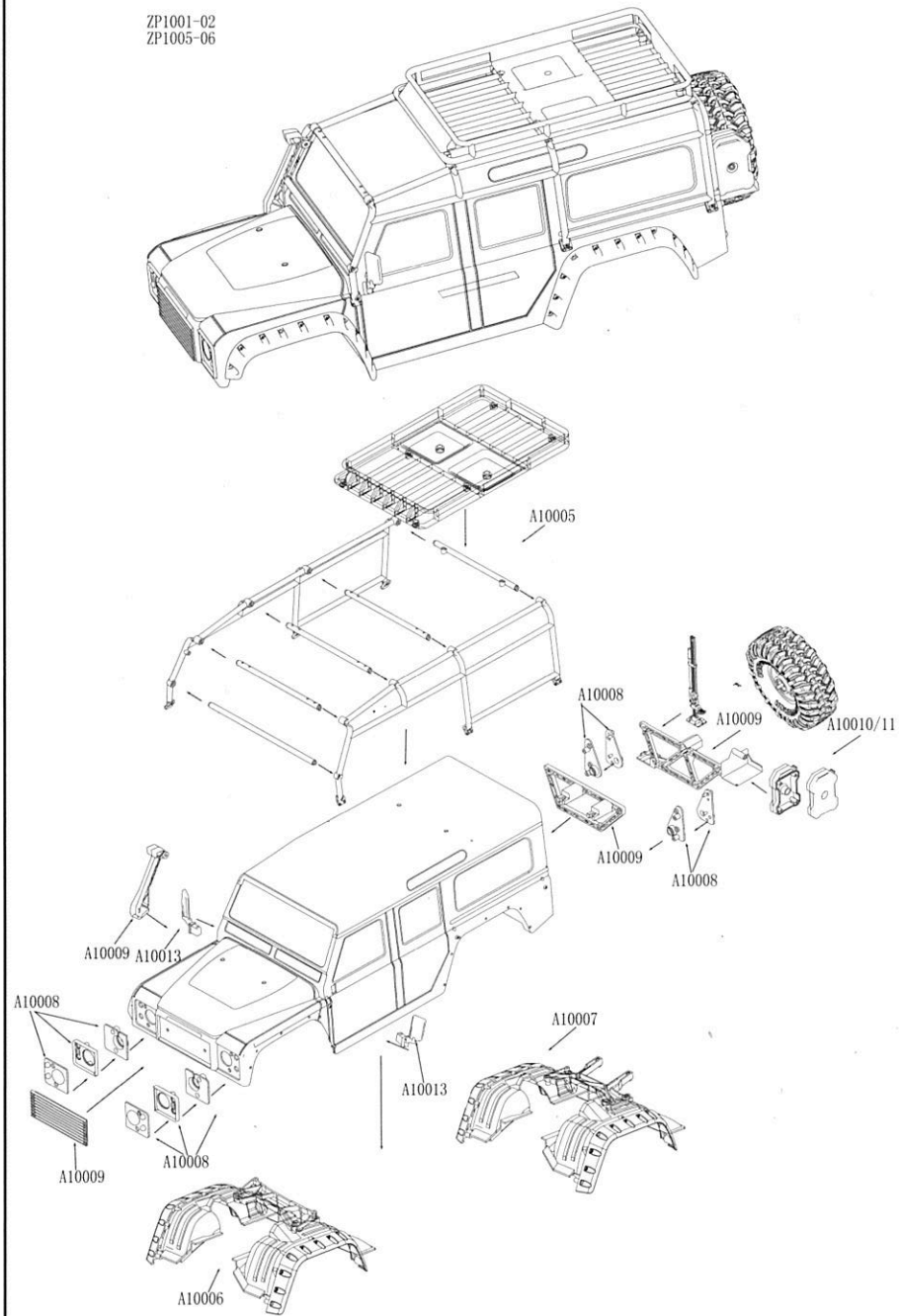
<b>ZPC10001</b>  HB-ZP1007 Car shell	<b>ZPC10002</b>  HB-ZP1008 Car shell	<b>ZPC10003</b>  Car Frame	<b>ZPC10004</b>  Front and rear guard
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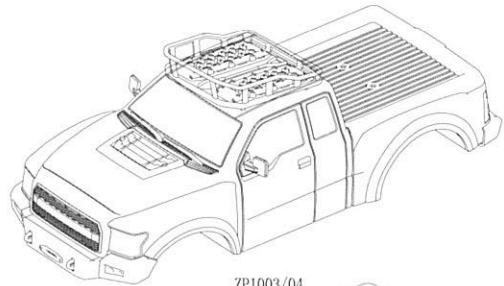
<b>ZPC10005</b>  Front wheel fender	<b>ZPC10006</b>  Rear wheel fender	<b>ZPC10007</b>  Front and rear light accessories	<b>ZPC10008</b>  Front and rear light lamps
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<b>ZPC10009</b>  Car shell accessories	<b>ZPC10010</b>  Shell support frame + spare tire bracket + rearview mirror	<b>ZPC10011</b>  Rearview mirror sticker	<b>ZPC10012</b>  HB-ZP1007-ZP1008 wheel hub assembly components (black)
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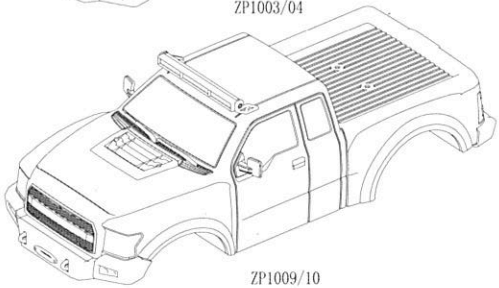
<b>ZPC10013</b>  HB-ZP1007-ZP1008 black finished tyre(2pcs)
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ZP1001-02  
ZP1005-06





ZP1003/04



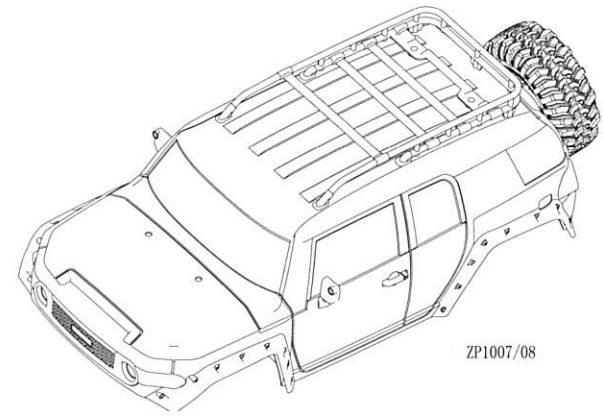
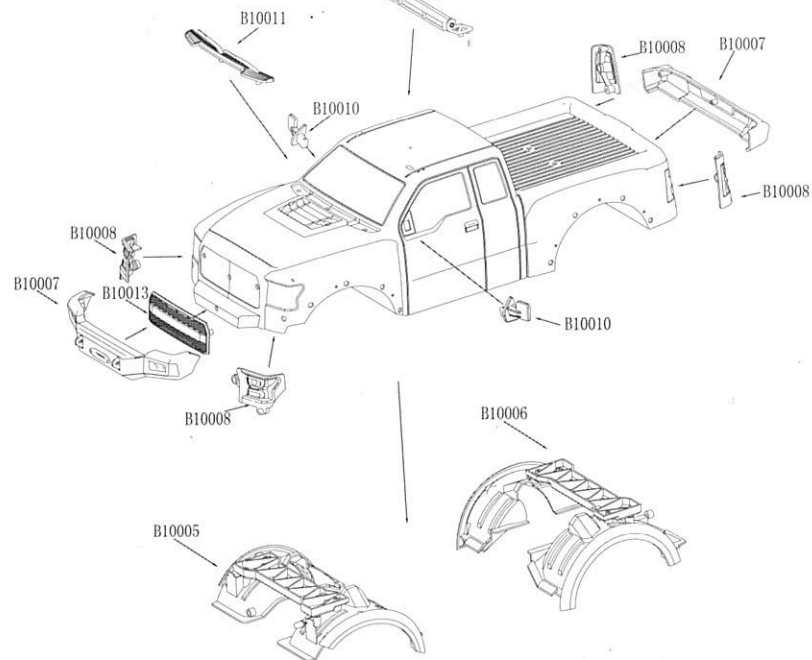
ZP1009/10



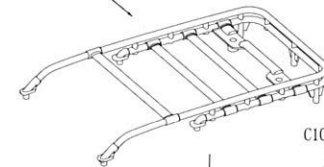
B10012/14



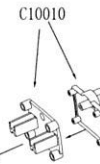
B10024/25



ZP1007/08



C10008



C10010

